ELECTRONIC TUBE REFERENCE

FTW121

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Water-cooled Brown Boveri high-power triode for industrial and communications RF or AF service. Liquid-cooled construction supports sustained multi-kilowatt dissipation and substantial transmitter or industrial-generator output.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	– / –	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode	
TRANSCONDUCTANCE	0.02 S
MAXIMUM PLATE VOLTAGE	12000 V
MAXIMUM PLATE DISSIPATION	20000 W
MAXIMUM GRID DISSIPATION	500 W
MAXIMUM CATHODE CURRENT	4.7 A

Published ratings and characteristics promoted where reliably recoverable from the approved sheet.

Water-cooled power triode for industry and communication, RF and AF service.

SOURCE OPERATING CONDITIONS

1969 Brown Boveri

SOURCE PDF

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1969 BROWN BOVERI

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency	**30 MHz**	—
RF/Output Power	**40000 W**	Quick Reference, stated operating class where applicable
Maximum Anode Current	**4.7 A**	—

TUBE TINKER

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